



George W. Flack



W. S. Porter

## Flack And Porter Attending UCC Safety Conference At Asheville; Y-12 Plant Area Is Having One Of Best Safety Years In History

### More Than 160 Go To Corporation-Wide Meet

With the Y-12 Plant Area having one of its safest years of operations since Union Carbide Corporation took over here in 1947, two Y-12ers are among the more than 160 UCC representatives of various Union Carbide Divisions attending an especial four-day Corporation-wide Safety Conference at the Grove Park Hotel, Asheville, N. C., this week.

#### Flack To Make Talk

The Y-12ers are Industrial Relations Superintendent George W.

Flack and D Shift Superintendent W. S. Porter. Flack is on the program for an address to all delegates to the conference and Porter is scheduled to participate in group meetings. The two Y-12ers and two representatives each from the K-25 Plant, Oak Ridge National Laboratory and the Paducah, Ky., Plant of Union Carbide Nuclear Company will hold their group meetings with representatives from Union Carbide Chemical Company, formerly Carbide and Carbon Chemicals Company, of which UCNC is an offshoot.

The Asheville conference marks the first time UCC has held its

### Frequency, Severity Marks Sharply Reduced

own especial safety conference. In previous years Corporation safety meetings have been sandwiched into the National Safety Congress, held annually in Chicago. UCC will continue to be represented at the NSC meetings in order to maintain its industry-wide contacts.

#### Divisions Also Hold Sessions

The Asheville sessions will be held on a Corporation-wide basis, as well as by Divisions. Principal speakers will include C. H. Hageman, Vice President—Industrial Relations, UCC; G. L. Pitzer, Vice President—Production, Bakelite Company; and L. E. Humphrey, General Superintendent at Bakelite's Bound Brook, N. J., Plant.

During 1956, UCC employees reduced the frequency and severity rates of injuries among employees throughout the Corporation to the lowest rates ever recorded in UCC's 40-year history. Its enviable safety record is another evidence that Union Carbide operates in the belief that the 79,000 men and women employed in its plants, offices and laboratories throughout the United States are its most important asset.

As a result of this record, achieved through employees' cooperative effort, the Corporation was awarded the coveted National Safety Council's Award of Honor for the third time.

#### UCNC President Stresses Safety

In the UCC Safety Conference booklet, Lyman A. Bliss, president of Union Carbide Nuclear Company, points out:

"Safety in Union Carbide Nuclear Company must be more than just a word. Guarding the welfare of our employees can be accomplished only through constant vigilance and training in the fundamentals of safe practices. Safety devices on equipment and good housekeeping help to insure proper working conditions. We seek the wholehearted cooperation of all employees through effectively applied programs aimed at eliminating all accidents and the resulting hardships to our people."

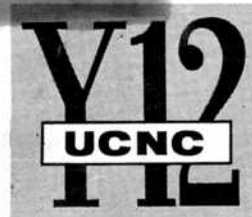
In his address at the Asheville Conference, Flack's subject was "Job Safety Training." He pointed out the various steps taken to greatly reduce the frequency and severity rates of accidents in the Y-12 Plant Area in 1957 from the high 1956 figures.

#### Remarkable Progress Made

The Y-12 figures from January through August of both years show the remarkable progress made in accident prevention. Through the first eight months of 1956 a total of 24 disabling injuries had been recorded, including two fatalities. The accident frequency rate (number of accidents for each 1,000,000 hours of plant operations) was 2.95. There were 17,225 days of work lost (each fatality is listed as 6,000 days lost) for the period with the severity rate (number of days lost per 1,000,000 hours of operations) being 2116.

In sharp contrast to that record is the mark through August of this year. Only five disabling injuries have been recorded during the first eight months of 1957, the fre-

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# THE BULLETIN

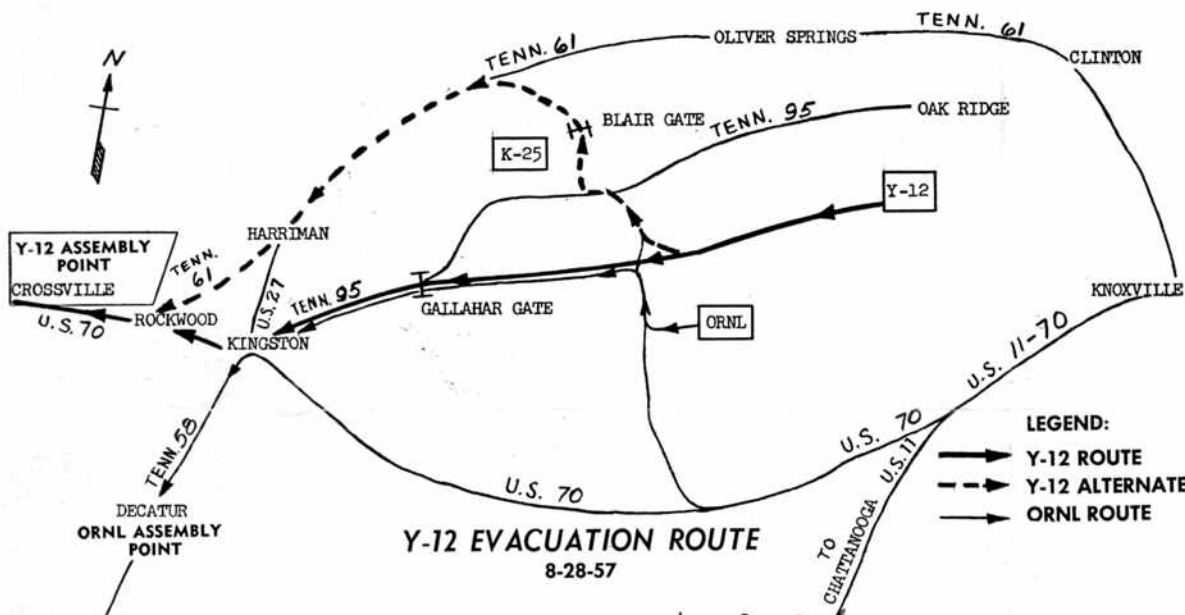
A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF UNION CARBIDE NUCLEAR COMPANY  
DIVISION OF UNION CARBIDE CORPORATION

Vol. 11—No. 37

OAK RIDGE, TENNESSEE

Wednesday, September 11, 1957

## CIVIL DEFENSE SHIELD IN WAR OR PEACE



### New Evacuation Map Shows Y-12 Routes

#### CD Workers Cope With All Types Disasters

It may be a cold war inside and outside of the Iron Curtain—but any Y-12er or any American who ignores the importance of learning about Civil Defense for the protection of himself, his family and his country in war or natural emergency crises, should have his head examined.

Next week—September 15-21—marks the observance of the second annual Civil Defense Week throughout the nation. On this occasion it behooves all Y-12ers to take stock of their part in Civil Defense—for it might mean their lives. That applies not only to an unexpected shooting war—but to natural disasters that might hit a community.

#### Routes Recently Changed

In the first case—suppose an alarm is received that enemy bombers were headed this way. Recently the Y-12 Emergency Evacuation Routes were changed and in the adjoining column is the first map of the new routes. Every Y-12 employee and Union Carbide Nuclear Company employee in the Y-12 Plant Area should keep the map for reference—and abide by its routings and the evacuation regulations.

Here are the routes to be taken—and they are shown on the accompanying map:

1. All traffic from the Y-12 portals will evacuate in a westerly direction by Bear Creek Road to White Wing Road.

2. Y-12 traffic that reaches the White Wing Road prior to completion of Oak Ridge National Laboratory evacuation traffic (which also travels over Bear Creek Road) will turn right on White Wing Road and leave the Oak Ridge Area via the Blair Road to Tennessee Highway No. 61 through Harriman to Rockwood and then by U. S. Highway 70 to Crossville, the Y-12 Assembly Point.

3. On completion of the ORNL evacuation traffic by way of White Wing Road, Y-12 traffic will proceed straight ahead on Bear Creek Road to Gallahar Road to U. S. No. 70 through Kingston, Rockwood and to Crossville.

The Assembly Point for ORNL employees is at Decatur, on Tennessee No. 58, south from Kingston.

#### Important To Keep Cool

A successful evacuation from the Y-12 Plant Area without confusion, traffic jams and subsequent

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## Orders Are Placed For Safety Awards

### 5,812 Items Selected; Food Bag Most Popular

Orders have been placed by the Safety Department for 5,812 items to be presented Union Carbide Nuclear Company employees in the Y-12 Plant Area as individual safety awards for having helped establish the 20th Union Carbide Safety Period here since UCC took over Y-12 operations in 1947. The 20th UCC Safety Period ran from March 13 through May 27 when 2,342,579 man-hours of plant operations were performed without a disabling injury.

The UCNC employees in the Y-12 Plant Area eligible for the awards found the food and drink bag with four cans of Scotch ice most pleasing and 952 of them were ordered. In order of quantity chosen the other items were the six piece manicure set 655, Pyrex refrigerator set 552, wall can opener 503, combination square and level 376, claw hammer 354, three piece plier set 339, television tray table 317, three piece nest of saws 309, Thermos jar with two sandwich boxes 281, aluminum serving tray 273, spinning rod, 265, aluminum frying pan 224, table tennis set 217 and ironing board cordminder 195.

#### HEIGHTH OF PRECISION

Speaking of precision, there is an instrument that can detect a hole so small that it would take 120 years for a thimbleful of air to leak through.



OAK RIDGE CIVIL DEFENSE DIRECTOR Col. W. H. Britton, right, explains the communications set up to Y-12 Relief Shift Superintendent H. N. Benninghoff, left, and Arthur Ogden, Buildings and Grounds, who is Chief of the CD Heavy Rescue Squad and its instructor.

## October 21 Is Deadline For Education Aid Bids

Eligible Union Carbide Nuclear Company employees wanting to apply for UCNC Educational Assistance Plan benefits for fall term classes must have their applications filed with the Training Department on or before Monday, October 21. Ralph Pearson, of the Training Department, is handling the applications and all information on details of the assistance given and classes available may be obtained from him at the department offices, second floor, Bldg. 9704-2, plant phone 7751.

To be eligible for the educational assistance Y-12ers must be salaried employees with at least six months of Company Service credit.



HERE'S ONE WAY the Heavy Rescue Squad of the Oak Ridge Civil Defense organization saves persons from an upper story of a building, with Y-12er Arthur Ogden simulating an unconscious victim being lowered from a window.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
88 Days Or  
2,563,064 Man-Hours  
(Unofficial Estimate)  
Without A Disabling Injury  
Through September 8  
Phone 7755  
For Daily Report  
On Accident-Free Hours



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
A Division Of  
Union Carbide Corporation

GEORGE W. DOBBS . . . Editor

## OFFICE

Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Room 228  
Telephone 7751

## 'Spot Bid Sale' Set By UCNC October 1

### Wide Variety Of Items Are To Be Offered

More than 100 lots of used Government property will be offered in a "Spot Bid Sale" by Union Carbide Nuclear Property Sales Department at its Warehouse 0101-2 just off River Road, Oak Ridge, on October 1. The sale is open to the public and Y-12ers seeking bargains may be interested in making proposals for the many items to be offered.

### Offerings Are Varied

To be offered in the October 1 sale will be 10 manual and electric typewriters, 10 adding machines, 10 calculators, one duplicating machine, 60 lots of vehicles, including two buses, 11 jeeps, 16 stake trucks, fork lift, cub tractor, sedans, scooters, one lot of tires, one lot of batteries and other similar items.

Comparison of bids and award of each lot will start at 1 o'clock Tuesday afternoon, October 1. The name of each successful bidder will be posted on a bulletin board in the UCNC Warehouse 0101-2 office immediately after the award of each lot.

### No Deposit Required

No deposit is required with the bids on this sale and purchased property will be delivered on payment in full in cash, by money order, cashier's check or certified check payable to UCNC. If payment in full is not received by 4 p.m. on Thursday, October 10, the award will be cancelled.

No invitations to bid or descriptions of the property to be sold will be mailed but the property will be available for inspection from 8 a.m. to 4 p.m., beginning Saturday, September 21 until bids are closed on October 1.

## Electrical Engineers Set Address On Home Heating

The Oak Ridge Section of the American Institute of Electrical Engineers will inaugurate its 1957-1958 season by hearing an address from Robert Ely, sales manager of the Ceilheat Corporation, at a meeting set for 7:30 o'clock tomorrow night, Thursday, September 12. The meeting will be in the Coral Room of Ridge Recreation Hall.

The speaker is chairman of the electric heating committee of the National Association of Electrical Distributors. In his talk he will compare different types of home heating with advantages and disadvantages of each from the standpoint of comfort, efficiency, control and insulation requirements.

## 10 Years Service

Congratulations to Roy B. Blankenship, Guard Department, who will complete 10 years of Company Service on September 16.

In 1956, there were 2,368,000 Americans injured in traffic accidents.



**PARTICULARLY EXCELLENT SNAPSHOTS** earned first and second awards in the Y-12 Weekly Photographic Contest for the week ending September 6. Gaines Aldridge, Alpha Four Cascade Operations, took first prize with the picture at top. "Boy and Deer," made in Yosemite National Park of his son, John Allen, and a tame denizen of the park. J. H. Stewart, Production Analysis, took second place with his photograph of "Field Communications at Work" in a military training class at Ft. Benning, Ga.

## Y-12ers Sought As Members Of Orchestra

Newcomers to Oak Ridge, including all Y-12ers who are music lovers and who play an orchestral instrument, are invited to join the Oak Ridge Symphony Orchestra, which is beginning its 14th season. Rehearsals are held at 8 o'clock every Wednesday night in the music room of the Oak Ridge High School and the first concert of the season is scheduled for October 24. One Y-12er already has joined the orchestra for the season. He is E. F. Fleischman, Alpha Four Cascade Operations. He is a viola player.

There are vacancies in all sections of the orchestra. Strings, woodwinds, brass and percussion instrument sections will welcome additional members.

The orchestra, conducted by Anthony Rasis, is a part of the Oak Ridge Civic Music Association and its members contribute their services free of charge. Although some members are professional musicians—the majority are scientists, housewives, teachers, students and other men and women who enjoy playing classical music as an avocation.

Any Y-12er interested in joining the orchestra is invited to report for one of the Wednesday night rehearsal sessions or communicate with James D. Bales, personnel manager of the orchestra, at Oak Ridge telephone 5-4896.

## TASTY DISHES OFFERED ON SPECIAL LUNCHES

Tasty dishes are offered as entrees on the Y-12 Special Lunches to be served tomorrow, Thursday, September 12, and next Tuesday, September 17. The main dish on the 50-cent Special Lunch tomorrow will be smoked link sausage with stewed apples and on next Tuesday chuck wagon steak will be featured. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

## 'Oh Say, Can You See?'

# Francis Scott Key Set 'Star Spangled Banner' To Music Of 18th Century British Trumpet Tune

"Oh Say, Can You See?" How Francis Scott Key, American lawyer and member of a light artillery company during the War of 1812, wrote the inspirational opening words and the entire first verse to the "Star Spangled Banner" while a prisoner of the British in Baltimore harbor during the shelling for Fort Mc-



Henry, is well known in history. The music—well, its history is much more obscure. According to Encyclopedia Americana, the tingling and smashing melody is traced back to an 18th Century British trumpet fanfare, with the meter and chords in much of the composition supporting this story of its origin. Regardless of its beginning—the inspiring notes by themselves and without the lasting words of Key are worthy of lasting recognition. This despite the difficulty of singing the "Star Spangled Banner" because of its

range that has brought criticism of vocalists.

The old British trumpet theme was imported to America during the Revolutionary War and sung by Continental soldiers to the lyrics entitled "Adams and Liberty." In fact, Key himself, in 1805 adapted the music to an earlier poem of his honoring Stephen Decatur, an American naval hero, and then used it again for the "Star Spangled Banner," the words of which he probably wrote with the tune in mind.

Key, a Baltimore lawyer, was in temporary custody of the British during the heavy but futile bombardment of Fort M'Henry September 13-14, 1814. He was held on a British warship and through a porthole saw the American flag with its 15 stars proudly waving over the ramparts of Fort M'Henry during the 25-hour shelling during which 1,500 shells were fired.

It was then that he wrote the first verse of the present American national anthem. Upon being released, he made his way back to Baltimore, where he wrote the three remaining verses, with the entire poem being published in a Baltimore newspaper.

Key's inspirational poem and the stirring music has thrilled the souls of many Americans—and more and more of them should memorize the words and music and join in singing the national anthem on appropriate occasions.



An inscrutable Oriental with the Scandinavian sneezes was awaiting his shot for Asiatic flu and a smart aleck doctor asked him:

"Is your Chinese name Willie Sneeze?"

"No," answered the Oriental, "that 'Melican name. Chinese name Ah Chou."

## MAINTENANCE

Arthur Ogden, Buildings and Grounds, by this time should be in sunny California visiting his oldest son, Arthur, Jr., a pharmacist mate in the Marine Corps stationed at Santa Ana—the Y-12er also plans a visit to the head of California's Civil Defense organization to swap notes.

## SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

C. A. Cox, General Utilities, decided to go down Atlanta, Ga., way for a visit with his son, daughter and granddaughter while vacationing . . . C. E. Oney is taking it easy at Wartburg and F. D. Robinson is at home in Oak Ridge doing likewise . . . Get well wishes go to M. G. Crouch, in Oak Ridge Hospital, and also to E. M. Baird.

## MECHANICAL OPERATIONS

B Mechanical Operations sent a flock of spectators to the Darlington, S. C., automobile races Labor Day—swelling the ticket sales were F. H. Harris, Ed Sise, T. C. Pack, J. H. Worthington, C. C. Shipley, P. G. Fleeman, J. K. Johnston, Jerry Harris and W. A. Norman . . . R. H. Higdon spent his Labor Day holiday deep sea fishing in Florida . . . The long holiday found J. W. Cooke in South Carolina, F. N. Leonard with his family in Birmingham, L. N. Moncier and N. B. Bloomer in Bristol, Va. . . Vacationers, last week and this, include L. D. Grice in Canada, C. Baxter in Ohio, G. M. Cheek in Florida, J. E. Gilstrap and family at Daytona Beach, likewise in the Sunshine State; and P. R. Hitson, R. E. Plemons, J. K. Stewart and S. O. McNeely at their various and sundry homes . . . J. L. McGinnis vacationed the hard way—he did a job of baby sitting . . . H. Crutchfield, F. L. Teno and F. A. Stewart are back from their Army Reserve training at Ft. Benning, Ga. . . H. E. Cornell and his daughter, Sallie, were recent anglers on the Emory River . . . Get well wishes to C. L. Hawkins at Oak Ridge Hospital.

A Mechanical Operations welcomes F. V. Tilson and Wanda Livesay—the latter will be the column correspondent thereabouts . . . G. D. Parker and the missus are visiting her relatives in Ft. Scott, Kan. . . K. L. Honeycutt is vacationing in and around Oakdale . . . Boys of H-1 extend get well wishes to B. R. Poston's mother . . . More get well wishes to K. E. Humphries, J. H. Oldham and C. F. Ohaysie.

Charley Johnson, General Machine Shop, and his spouse spent the Labor Day holidays visiting

the Wiley Hulseys in Owensboro, Ky.—they are his daughter Carol's new in-laws—with the Kentuckians entertaining the newlyweds with a lawn party and shower . . . L. B. Gillis and family holidayed in Louisville, Ky., visiting his father and brothers . . . A. E. Perry and folks week ended in Whitley City, Ky. . . Bob Loy and family went over to Salisbury, N. C., to see his wife's relatives . . . Frank Shipley, Sr., is sunning himself at Daytona Beach this week . . . That fair in Knoxville is attracting L. I. Orr and J. W. Witt . . . G. R. Easter is taking a couple of weeks to get acquainted with his newly adopted son . . . B. H. Hobby was believed to have been fishing last week and W. W. Ivey was staying at his home around Oliver Springs . . . Shoppers are congratulating Rhea Hester, recently elected Justice of the Peace at Oliver Springs . . . S. L. Downing is the proud owner of a new home over at Norwood . . . J. O. Shoopman and L. C. Watson are welcomed back after long illnesses, and get well wishes are sent J. W. Dowell, on the sick list.

## INDUSTRIAL RELATIONS

The Fire Laddies send word that Capt. Emmett "Catfish" Moore is really in his glory this week—deep sea fishing and enjoying other pleasures offered at St. Petersburg, Fla. . . G. I. Davis is taking a couple of weeks to—he says—make at batch of sorghum molasses . . . Capt. F. E. Remine is vacationing, but mum on plans or destination . . . J. E. Warren is back from a visit to Camden, Tenn.

The Butlers—Mamma Meta, of Personnel Records; and Betty Jo, Medical, bustled off to Jackson and Camden, Tenn., for a week of vacationing.

All the Boys in Gray report from the Guard Department is that L. A. Litton is visiting his daughter and son-in-law in Washington, D. C., for a week.

Dr. Harry Dickson, the author-doctor in Medical, is going to make a hurry-up vacation trip to Europe in two weeks (good trick if it works) . . . Meanwhile Dr. E. L. Parrott is going to be content with a visit to the big fair in Knoxville on his vacation . . . Alice Mattingly is expected back this week recovered from bumps and bruises sustained when a too-closely following automobile banged into the rear of her car last week near Solway Bridge . . . Carl Brewster had to cancel his vacation when he was floored with an eye infection and had to be hospitalized—too bad, he was slated to captain the Tennessee civilian rifle team in national matches at Camp Perry, Ohio.

## CHEMICAL

Bill Brady, Product Processing, is the Proud Pop of the week—a new daughter arrived September 4 weighing five pounds, five and one-half ounces . . . Mabel Staple-

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Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Nelson H. Bethea, Finance and Materials Administration; Hugh F. Akin, Project Engineering; L. M. Thompson, D. B. Blackburn and C. O. Campbell, Research Services; M. L. Chandler and B. M. Cox, Electrical Maintenance; C. N. Cook, Production Inspection; C. L. Hawkins, B Mechanical Operations; M. G. Crouch, General Utilities; H. J. Searcy, R. D. Beasley and Ruth E. Hounshell, Chemical; C. M. Burgess, Mechanical; W. L. Scruggs, General Machine Shop; C. G. McCulley, Property Sales; James R. Burgess, Process Maintenance; E. E. Palmer, Mechanical Engineering.

## ASME Meets September 19; Four Y-12ers Committeemen

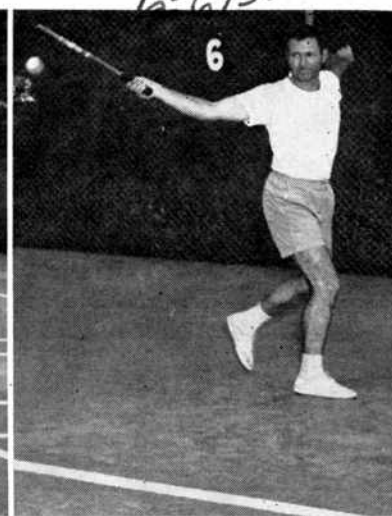
Headed by Frank Ring, Jr., Oak Ridge National Laboratory Engineering Department, the Oak Ridge Group of the East Tennessee Section of the American Society of Mechanical Engineers will begin its fall sessions with the annual smoker meeting at 7 o'clock Thursday night, September 19. The meeting will be in the Acorn Room of the Oak Terrace with Lieut. Col. J. C. McAshan, United States Air Force, Reserve, as guest speaker. His subject will be "Flying Saucers."

Among the new officers to serve the group during the coming year are four Y-12ers on important committees. They are Jack C. Cox, Industrial Engineering, chairman of the program committee; I. G. Speas, Piping and Civil Engineering, membership committee; Ernest R. Choat, Industrial Engineering, chairman publicity committee; and J. T. Blackmon, Piping and Civil Engineering, member publicity committee.

More than 22 per cent of 1956 U. S. highway deaths occurred on Saturdays.



# RECORD 160 GOLFERS SHOOTING FOR UCNC HONORS



THE TWO TOP TEAMS IN THE MEN'S DOUBLES tennis ladder for Y-12ers during the season are shown above. From left are Frank Bal-

lenger and Bill Hackett, in first place as of last Friday; and Jack Thomson and Sam Campbell, the second place team.

## 74 Y-12ers Enter All-Carbide Meet

Hines 1956 Champ;  
20 Flights Arranged

With an all-time record entry list of 160 from Y-12, K-25 and the Oak Ridge National Laboratory competing, Union Carbide Nuclear Company players for the next three weeks will be trudging golf courses in Oak Ridge and nearby in the annual All-Carbide Tournament. Of the total number of contestants, 74 are from Y-12, which sent only 47 divot diggers after honors last year.

### To Finish By September 29

All First Flight matches in the tournament must be completed on or before next Sunday, September 15. Second Flight matches shall be finished by September 22, and finals before September 29.

Art Hines, of the Y-12 Insurance Department, is the defending titlist in the Championship Flight. Nine other Y-12ers also won their flights in the 1956 tournament, with most of them entered again this year.

The 1957 tournament record entry list of 160 players required 20 flights of competition—including the Championship Flight, the winner of which is declared UCNC champion of the year.

### Four In Championship Flight

In the Championship Flight this year there are four Y-12ers. Hines faces a tough opening round foe in Bill Reynolds, a former Y-12er, in the top bracket. Also in the top bracket is W. T. Arrowood, who will play V. B. Isham. Heading the lower bracket will be Carl Dorr, Y-12er and 1957 Southern Appalachian champion, who drew Frank Kennedy, another fine Y-12 golfer, as his opening opponent. J. M. Agge and Jake Meece, another former Y-12er, round out the lower bracket.

Playing schedules have been posted at the Oak Ridge Golf and Country Club and are available at the Y-12 Recreation Department, Room 226, Bldg. 9704-2. All matches must be played during the time allowed or forfeits will be declared. Contestants may play either nine or 18 holes if mutual agreement is reached, otherwise 18 must be played. Likewise, players may select courses on which to play, but again if the decision is not unanimous, the match must be played at Oak Ridge.

In addition to the Championship Flight, other Y-12ers in the tournament and their flight assignments follow:

- FIRST FLIGHT**—George W. Wylie and Arnold Tiller.
- SECOND FLIGHT**—Ed Gambill, Joe Pryson and Clyde Bowles.
- THIRD FLIGHT**—A. L. Sawyer, Paddy Peckman, N. E. Hamby, Bill Hamill and C. E. Harris.
- FOURTH FLIGHT**—Larry Koontz, I. G. Speas and Bob Orrison.
- FIFTH FLIGHT**—Dan Stroud, John Boyd, Jim Bartholomew and George Mitchell.
- SIXTH FLIGHT**—J. P. Smith and George Helms.
- SEVENTH FLIGHT**—J. J. Holzknecht, C. Morgan and H. C. Nichols.
- EIGHTH FLIGHT**—P. J. Arrowood and G. A. Ware.
- NINTH FLIGHT**—J. M. Patterson, Charley Peterson, W. C. Collins and L. B. Cabe.
- TENTH FLIGHT**—F. K. Clabough, Avis Collins, R. E. Plemmons and Nelson Tibbatts.
- 11th FLIGHT**—M. R. Emery, Karl Kahley, George Oliphant and John Snyder.
- 12th FLIGHT**—John Hill, Jack McLendon and R. P. Wallace.
- 13th FLIGHT**—Elmore Koons, Gregory Underwood, Harold Ratjen, H. E. Shatley and A. H. True.
- 14th FLIGHT**—George Everitt, U. M. Oxford, A. J. Stewart, Walt Lovell and Sewell Brown.
- 15th FLIGHT**—J. D. Hall, Roy Roberts, Clyde Smith and R. W. Dehoney.
- 16th FLIGHT**—Rudy Pletz and L. C. Watson.
- 17th FLIGHT**—Ray Whitehorn, Bill Ebert, L. R. Loveless and John Thomson.
- 18th FLIGHT**—C. R. Eichelberger, W. E. Heckert, Len Hart, J. D. Davis and George Evans.
- 19th FLIGHT**—E. A. Crow, M. L. Taylor, W. H. Rice, H. C. Norris, R. L. Brown and O. E. Gilcrease.

Never miss an opportunity to make others happy—even if you have to leave them alone to do it.

## Vet Anglers Win Fish Rodeo Prizes

Tackle Boxes, Seats  
Awarded As Prizes

First place awards in the Y-12 Plantwide Fishing Rodeo that opened back on June 15 and closed on Labor Day night mostly went to veteran anglers, with only a few newcomers listed. This will be the last fishing rodeo of the year for Y-12ers.

Winners of first places in the rodeo received aluminum tackle boxes and second place fishermen got adjustable boat seats.

Here are the complete results:

### LARGEMOUTH BASS

O. E. Wiggers, Process Maintenance, five pounds, seven ounces. E. J. Delaney, B Mechanical Operations, two pounds, 12 ounces.

### SMALLMOUTH BASS

T. E. McCarroll, Research Services, four pounds, four ounces. D. L. Glover, Electrical Maintenance, three pounds, four ounces.

### STRIPED BASS

Jim O'Kain, Electrical Engineering, eight ounces. Only one entry.

### WALLEYED PIKE

W. B. Tyree, General Machine Shop, four pounds, nine ounces. E. E. Green, Buildings and Grounds, two pounds, two ounces.

### SAUGER PIKE

Fred G. Leon, Mechanical, five pounds. H. D. Scarbrough, Tool Department, two pounds, 11 ounces.

### CRAPPIE

M. H. Wise, General Machine Shop, one pound, nine ounces. Only one entry.

### BREAM

W. G. Rains, Collex Auxiliary Operations, 14½ ounces. M. H. Shanks, Alpha Four Cascade Operations, nine ounces.

### TROUT

Paul Bass, SS Control, 14 ounces. Only one entry.

## Dunlap-Stanley Win Horseshoes Title

Dunlap and Stanley are the Y-12 Horseshoe Ladder champions for 1957. They turned back the challenging No. 2 team of Hart and Zupan in three out of five games in the last contest of the season last week.

The final ladder standing was (1) Dunlap-Stanley, (2) Hart-Zupan, (3) Helton-Hackett, (4) Kendrick-Gillihan, (5) Morgan-Wyatt, (6) Beckett-Smith, (7) Collins-Lewis, (8) Dyer-Dick.

## D SHIFTERS CONSUME 42 POUNDS OF WIENERS

D Shift Y-12ers, members of their families and guests really went to town on the hot dogs at the shift wiener roast last week at Concord Park. The word got around that "everything was free" so between 300 and 400 turned out for the affair, with 42 pounds of wieners alone being consumed. Badminton, croquet, horseshoe pitching and other sports were enjoyed by the crowd.

## Elks Plan Bus Run For Lodge, Guests To Vol Home Tilts

Bus service from Oak Ridge to four University of Tennessee football games in Knoxville has been arranged for members of Oak Ridge Elks Lodge No. 1684, and their guests. The games for which the service will be provided are Auburn, September 28; Mississippi State, October 5; Georgia Tech, November 9; and Vanderbilt, November 30.

One or more buses will leave the Elks Lodge in Oak Ridge at 12:30 p.m. on game days and will arrive at the West gates of the stadium 30 minutes before game time. The buses will leave the parking lot on the West side of the horseshoe after the game. Round trip fares will be \$2 single, \$3.50 for couples and \$1.50 for children under 16 years old accompanied by a parent.

Y-12 Elks and guests are urged to take advantage of this transportation that eliminates the driving and parking congestion on football game days.

## Arrowood, Davis Win Lenoir Tourney

P. J. Arrowood nosed out J. M. Patterson by one stroke in the finals of the First Flight in the Lenoir City golf tournament for Y-12 players in that vicinity. The victor posted 39 handicap to his opponent's 40. J. D. Davis captured Second Flight honors in the event at the Cedar Hills Golf and Country Club over U. M. Oxford with the handicap scores being 34 to 37. The winners were awarded eight golf balls while the runners up got four.

Arrowood advanced to the finals with wins over W. C. Collins and R. P. Wallace in the First Flight. Patterson trimmed L. E. Kinkaid and F. K. Clabough. In the Second Flight Davis downed A. E. Perry and E. S. Henck while Oxford defeated L. C. Watson and J. E. Thompson.

## Ridgers Play East; Pope Stars In Win

The Oak Ridge High School football team will be hosts to the East High School gridders from Knoxville on Friday night of this week. Game time is 8 p.m. at Blankenship Field. After their overwhelming 49-6 victory over Clinton last week, the Cats will go all out to make it two straight with a win over the Mountaineers. In defeating Clinton last week one of the many Wildcat stars was Jackie Pope, son of Y-12er R. E. Pope, Chemical Department, who scored one touchdown and passed for another.

## Rebels, Cubs Even For Title Tilts

Pitching Battle Seen  
In Saturday Twin Bill

The Rebels and Cubs will enter their second half of the season title-bearing twin bill on Saturday morning of this week, September 14, all even in the Y-12 Plant League standings. The Rebels last week decided not to press a protest against an umpire's ruling in a game with the Reactors, giving the Reactors a victory. This gave the Rebels a nine won and one lost record for the last half, the same as the Cubs. The Reactors ran their rating to nine won and three lost with no more games to play.

The Saturday morning double-header at Pinewood Park, beginning at 10 o'clock, is expected to turn into a first class pitchers' battle between two of the best hurlers in the loop. Ed Sise, veteran of many Y-12 Plant League campaigns, undoubtedly will take the mound for the Rebs, while B. J. Hill, who has hurled most of the Cub wins this season, will be his opponent.

The winners will meet the Reactors, first half champs, for the season's crown.

The standings through last week follow:

Team	W	L
Rebels	9	1
Cubs	9	1
Reactors	9	3
B Bombers	6	6
Early Birds	3	9

## Mixed Pin Loop Opens Play Tonight

Alley activities of the Mixed League of Y-12 men and women bowlers will be inaugurated at 6 o'clock tonight, Wednesday, September 11, at the Central Bowling Alleys. Eight teams are reported ready to go in this popular circuit, of which Carl Frazier is president, Nell McGinnis vice president and Helen Gombita secretary.

The eight teams and their captains are Knockouts, Todd Dameron; Alley Cats, Jim Turner; Clippers, J. C. Bryan; Scrappers, Herb Oliver; Units, Carl Frazier; Nip and Tucks, Evelyn Tucker; Pin Cats, Bernie Corbett; and Oleos, Byron North.

The Mixed League will roll every Wednesday night at the Central Alleys.



"Sparky" says:  
Don't Give Fire  
a Place to Start!



## Men's Doubles Title Not Yet Settled; White, Campbell Win

With the championship in the men's doubles of the Y-12 Tennis Ladder yet undecided, a match expected to be played sometime this week between the leading Frank Ballenger-Bill Hackett team and the runners up Sam Campbell-Jack Thomson combine may decide the matter. Prior to the closing date of the competition, set for last Friday, the two leading teams decided on a best two out of three matches to determine the first place outfit. Ballenger-Hackett won the first clash, but the other two still are pending. A Ballenger-Hackett victory, of course, would give them the crown.

In the mixed doubles play, first place went to Lorraine White and Campbell as all competition in that division has ended.

The standings in the men's doubles (not including the unplayed matches) as of last Friday are (1) Ballenger-Hackett, (2) Campbell-Thomson, (3) Nicely-Gregory, (4) Caudill-Stephens, (5) Perry-Laggis, (6) Fischer-Horton, (7) Sheehan-Grubb, (8) Kuhn-Harper. The final standings in the mixed doubles is (1) Lorraine White-Campbell, (2) Mary Cushman-Ballenger, (3) Helen Gombita-Laggis, (4) Helen Brown-Everitt, (5) Nell McGinnis, (6) Mildred White-Kuhn.

Now there's a cigarette lighter that plays a tune when flicked—something like "Smoke Gets In Your Eyes."



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ton vacationed last week with her parents in Gate City, Va. . . . The G Group enjoyed a lavish dinner at the Park Hotel, Clinton, last Saturday.

### FINANCE AND MATERIALS

Receiving and Shipping's sick list to whom rapid recovery wishes are sent includes **D. E. Ferguson** at home in Knoxville and **C. L. Coley** at home in Lenoir City . . . **Bessie Hudson** enjoyed a recent vacation in Sealy, N. C. A couple of gadabout gals from Tabulating Services, **Kate Penland** and **Asa Tarwater**, are spending a couple of weeks in California . . . **Bettie Martin** entertained her sister and nieces from New York last week.

**Bea Cameron**, SS Control, had as a recent guest her mother, Mrs. E. C. Martin, of Lincoln, Ill. . . . **Jim Moon** Labor Dayed in Birmingham, Ala., where he saw the Detroit Lions and Washington Redskins put on a big league football game.

### ALLOY

**John Reece** and **Bobbie Griffin** are welcomed to the Colex Auxiliary outfit.

Alpha Four Cascade Operations rolled out the welcome mat last week for co-op student **Ed Dickey** . . . Get well wishes are extended **Leroy Thornton** in Baptist Hospital, Knoxville . . . **Bob Wilder** and his wife are roving around Eastern Kentucky and returning via Washington . . . **Henry Greene** and family are in Florida . . . The new heiress in the **R. D. Seagren** family is an eight-pound, 13-ounce girl.

Beta Two sends word that **Granny McDaniel** is vacationing in Norman, Okla. . . . Get well wishes are extended **Iva Jones**, ill at home in Clinton . . . Condolences are sent **Dora Bagwell**, whose father died last week in Dalton, Ga.

### TECHNICAL

The **Leon Scalls**, Mechanical Engineering, were Labor Day week end visitors at the home of his mother in Pineville, Ky. . . . **Tom Norris** and the missus were hosts to Mr. and Mrs. Neal Sullivan, of Nashville, who are vacationing in Oak Ridge . . . **M. B. "Wimpy" Hilton** is vacationing at home, "Hiltonshire," in Knoxville . . . Best get well wishes to **E. E. Palmer**, recuperating from a minor operation.

Project Engineering sends rapid recovery wishes to **H. F. "Shorty" Akin** in Oak Ridge Hospital . . . This week finds **J. C. Bresnahan** and his wife on their way to Ft. Lauderdale, Fla., for a two-week vacation all by themselves for the first time in 35 years—the kids are all grown up and married—so Bess, you and the missus have fun . . . **Lettie Ault** and her hubby are over in Memphis this week.

**Sam Rea**, Special Projects, counted the minutes before his vacation and then spent the hours relaxing at home and in Asheville, N. C. . . . **Harvey Hankins** brought back such glowing reports of Panama City, Fla., fishing, where he spent Labor Day, that **Harold**

**Williams** is packing rod 'n' reel for his vacation there . . . The group is sorry to hear that **Helen Stone** was feeling so puny that she spent the Labor Day week end and a couple of more days in bed . . . From all the gobbledegoo uttered by **Frank McGuiness** these days it is gathered he spent the holiday week end on a yacht exploring all nearby inlets and outlets . . . Landlubber **Chet Borge** also heaved-hoed—shoveling dirt and gravel into his new patio . . . **Larry Rinderer** inflated his inner tubes and braved the Labor Day traffic—two "near misses" later he wished he was home.

Production Analysis sends get well wishes to **Irene Jenkins**, who is ill . . . **Harry King** is resting up in Oak Ridge and plans a North Carolina trip . . . **L. C. Peters** did some lake cruising over the week end . . . **Louise Holsoffe** and family went camping in the Smokies . . . **C. R. Kelly** and folks went to Chattanooga and Celina, Tenn. . . . **Daisy Ward** took her daughter to the University of Alabama to major in speech . . . **Andrew Skritnansky** is attending the American Chemical Society convention in New York.

Production Assay B Shift reports **Dick Bell** and family vacationed at home in Oak Ridge and in Nashville . . . **Nell Mercer** is resting at her Karns home . . . **Mattie Anderson** week ended in her home in Virginia . . . **Annie and Ed Robinson** went to see his parents in Benton, Tenn., over the past week end . . . C Shift tells that **Bertha Melson** is vacationing at home in Knoxville . . . **Carolyn Kitchens** and her husband, Howard, of the United States Air Force, recently visited kin folks in Georgia.

**Jim Parham**, Laboratory Operations, recently attended the 50th wedding anniversary of his parents over in West Tennessee.

Speaking of sneezes, the wife of an atomic worker recently called the same doctor referred to in the prelude to the Colyum.

"My husband," she said, "insists he has an atomic cold. Is there any such thing?"

"Pooh, pooh," pooh-poohed the medical man, "go home and forget it."

The next day the tearful wife phoned the medic.

"Oh doctor," she wailed, "my husband has just sneezed."

"That's not alarming, where are you now?" he asked.

"At 18th and Maple," was the answer, "where our house used to be."

Gesundheit! !

## General Electric Official To Address Metals Society

Dr. J. C. Fisher, manager of the physical metallurgical laboratory of General Electric Co. at Schenectady, N. Y., will speak at the first fall meeting of the Oak Ridge Chapter of the American Society of Metals next Wednesday night, September 18. The meeting will be at 8 o'clock in the Knights of Columbus building in Oak Ridge. Dr. Fisher's subject will be



**WATERMELONS—LOTS OF 'EM—AND FREE**, were one of the gastronomical highlights at the recent C Shift picnic at Cove Lake State Park, attended by about 50 guests. At left is the "before" picture of preparation of the luscious melons with among the crowd being Assistant C Shift Superintendent H. D. Duncan and family to the left, Chester Moses, Alpha Five Cascade Operations, and daughter with the guitar and accordion; H. F. Clayton and family, Electrical Maintenance; W. H. Dial, of the same department, and family; and to the rear right is Glenn Ballew, Colex Auxiliary Operations, chairman of the shift Recreation Committee. The "after" picture is at the right and the youth with his nose in the melon is Chester Ray Moses, son of Chester M. Moses. Looking somewhat unhappy—whether because of a tummy ache or just because of no more room for more melon—is Moses' granddaughter, Pamela Cantrell. The melons for the picnic were provided by E. S. Smith, General Utilities, and were home grown over at Rockwood.

## Civil Defense Shield In Varied Disasters

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accidents can only be engineered if all drivers and passengers in vehicles keep cool, obey traffic directors and rules of the road. Of course, it undoubtedly will be difficult to face separation from families in such an emergency—but it should be remembered that arrangements for the safety of persons threatened by any bombing have been made—just as they have for Y-12ers.

Back in June the "Operation Alert" was successfully simulated by Y-12ers with communication and other tests of procedures to follow in case of an attack alert. These tests and action were coordinated for the Union Carbide Nuclear Company facilities in Oak Ridge and Paducah, Ky., by H. N. Benninghoff, Relief Shift Supervisor, with all operations being carried out smoothly. Benninghoff attended a FCDA meeting earlier in the year at Battle Creek that drew civilian and military delegates from throughout the country.

### Prepared For Natural Disasters

As alert as Y-12ers must be to a war threat—they should be equally alert to natural disasters such as tornadoes, conflagrations or explosions that might strike the communities in which they live. In Oak Ridge, Knoxville and other nearby communities in which Y-12ers and their families live, preparations have been made for action under local Civil Defense organizations.

In Oak Ridge, many Y-12ers have been conscientiously taking part in the many activities required in Civil Defense work under direction of Col. W. H. Britton, Civil Defense Coordinator for the city. These activities include heavy rescue work, first aid, communications, supplying food and clothing and many others.

In one of these phases—the heavy rescue work, the training and direction is in the hands of Arthur Ogden, of the Y-12 Buildings and Grounds Department. He has trained several squads of men and women, many of them Y-12ers, in the task of rescuing victims in wrecked buildings. He has attended several Federal Civil Defense Administration schools, just recently returning from Olney, Md., where Civil Defense workers from all over the country discussed varied phases of man-made and natural disasters.

Now on vacation, Ogden has planned a meeting this week in

"Transformation Kinetics." All Y-12 members of the chapter are urged to attend this meeting and other monthly sessions held on the third Wednesday night of each month.

## Rides Wanted, Offered

**Ride wanted or will join car pool from West Hills section of Bearden, D Shift.** R. K. Kirby, plant phone 7733, home phone 8-5958, Knoxville.

**Want to join car pool from Oakwood section, Knoxville, to West Portal, E Shift.** Herbert Edgemon, plant phone 7175, home phone 2-7416, Knoxville.

**Rider wanted from East Knoxville, via McCalla Ave. or Magnolia Ave. to West Portal, A Shift.** C. M. Mills, plant phone 7733, home phone 2-3231, Knoxville.

**Rider wanted from Chapman Highway or West Knoxville area to East, North or West Portal, straight day.** Bill Hood, plant phone 7-8382, home phone 7-2412, Knoxville.

**Want to join car pool from West Haven section, Knox County, to Central or North Portal, straight day.** L. A. Harris, plant phone 7162, home phone 4-4284, Knoxville.

**Riders wanted from Blowing Springs and Clinton vicinity to any portal, straight day.** W. C. Ward, home phone 1550-R20, Clinton.

**Car pool member wanted from Cedar Lane vicinity, Fountain City, to North Portal, straight day.** J. P. Blakely, plant phone 7990.

**Ride or riders wanted or will join car pool from West Hills, Knox County, to any portal, D Shift.** B. R. Clark, plant phone 7-8485, home phone 5-7411, Knoxville.

**Two riders wanted from Rockwood to Bear Creek, West or Central Portal, straight day.** L. L. Fairchild, plant phone 7488.

California with Mike Steig, Civil Defense Director for that state, for an informal discussion of problems.

Colonel Britton has announced that no especial program observing Civil Defense Week will be carried out in Oak Ridge—but points out that class training work will begin within a week or so.

### Squad To Form September 25

The first of these will be a class in heavy rescue work, headed by Ogden, which will meet at 7 o'clock Wednesday night, September 25, at Civil Defense Headquarters, Lafayette Drive and Sawmill Road.

"We need at least 20 men for this class," Colonel Britton declared, "and this work can be as important to all plant employees as well as for the city. I hope the response will be good."

Y-12ers who want more information on this class are urged to phone Colonel Britton, Oak Ridge phone 5-3521, Ext. 32, or Ogden at Y-12 Plant, phone 7223.

## Flack, Porter Attend UCC Safety Conference

Continued from Page 1

quency rate has dropped to 0.67 and the severity rate to 27. Only 203 days lost are recorded. The reduction in the frequency rate is approximately 77 per cent and the drop in the severity rate is an amazing 99 per cent.

### Fewer Hours Worked In 1957

For the first eight months of 1956 the cumulative man-hours worked in the Y-12 Plant Area were 8,141,842 as compared to 7,493,765 for the same period this year.

As of the past week end, Union Carbide Nuclear Company employees in the Y-12 Plant Area were steadily forging ahead toward the 3,000,000 man-hours mark without a disabling injury. The last such mishap occurred on June 16.

With this fine start in 1957, it is expected that the Y-12 Plant Area safety mark this year will be the best in history and provide a valuable contribution to the Corporation in establishing another record year in safety.

## Has Beens Hop Off To Classic Lead

No team escaped unscathed in the opening tilts in the Classic League of Y-12 bowlers last week and after the pins had stopped falling the Has Beens had a one-half point lead on the rest of the 11 teams by taking three and one-half points from the Playboys. The Screwballs, Rippers and All Stars each won three points from the Wolves, Tigers and Bumpers, respectively. The Wasps and Cubs split even at two points each as did the Swingsters and Rebels.

Some excellent early season scoring marks were posted last Thursday at the Oak Terrace alleys. Al Townsend, of the All Stars, rolled a 231 scratch game, boosted to 269 with handicap. E. S. Henck had the top series scores of 559 and 658. The All Stars had the best handicap team scores of a 1075 game and 2957 series. The Wasps rolled a 901 scratch game and the Bumpers a 2482 scratch series for tops.

League standing follows:

Team	W	L
Has Beens	3 1/2	1 1/2
Screwballs	3	1
Rippers	3	1
All Stars	3	1
Wasps	2	2
Cubs	2	2
Swingsters	2	2
Rebels	2	2
Bumpers	1	3
Wolves	1	3
Tigers	1	3
Playboys	1/2	3 1/2

When adults act like children, they're silly. When children act like adults, they're delinquent.